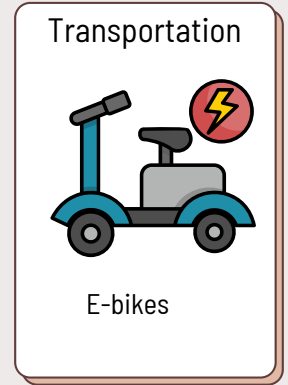
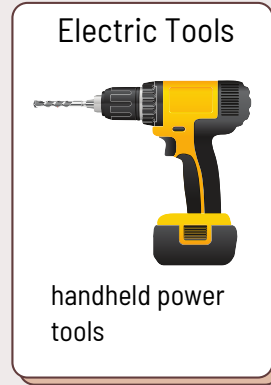
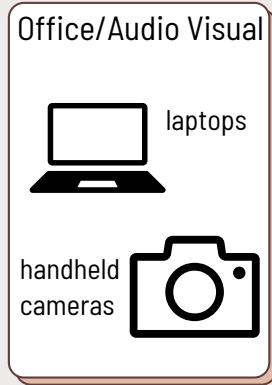
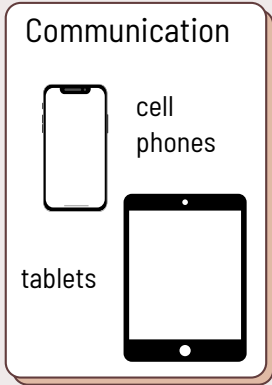
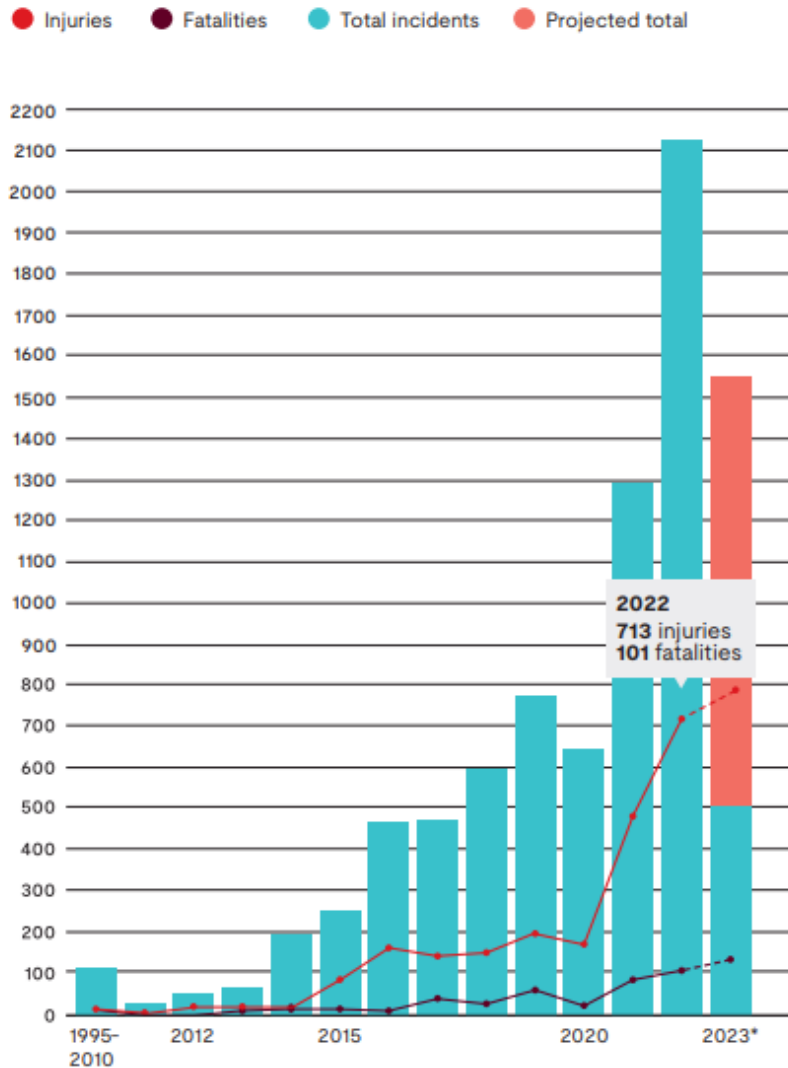


LITHIUM BATTERY

Examples of some items that use lithium batteries



Increase in total incidents over time



Total over time: 2,431 401

*2023 projected based on Q1 2023 data

UL Solutions, 2023

Over the past couple of years there has been an increase in lithium battery fires with deadly consequences. With our increasing reliance on lithium batteries, here are some things to keep in mind:

- Damaged or unstable batteries and improper charging, storage or disposal can create opportunity for disaster
- Batteries can overheat and lead to an explosive, aggressive fire that spreads rapidly
- Lithium fires are hard to extinguish and can release hazardous gases





Precautions and Safety Tips



Store in open space

Batteries should be stored away from all combustibles (ex. Pillow, bed, couch).



Use approved Batteries

Only purchase and use devices that have a reputable testing agency mark such as UL.



Keep away from heat

Keep batteries and devices at room temperature. Keep away from sunlight and heat sources.



Use the wall outlet

Always plug directly into the wall outlet for charging.



Use supplied charger

Follow the manufacturer's instructions for charging and storage. Use the correct cord and power adapter for your device.



No overnight or unattended charging

Do not leave devices unattended while charging or charge them overnight.



Dispose of batteries safely

Do not place lithium-ion batteries in the regular trash. **Tape terminals prior** to placing into an appropriate battery collection bin. Please follow Appalachian State's lithium battery recycling procedure.



Stay Aware

If a battery overheats or you notice an odor, change in shape/color, leaking, or odd noises from a device, stop using immediately.

Make sure you can get out and never block your primary way in or out of a room/residence.



Fire and Emergencies

In case of fire, leave the area, close the door, call 911.

RECYCLING LOCATIONS:

- Anne Belk Library - First Floor near Tech Support Center
- Plemmons Student Union - First Floor near International Hallway